NMR Scientist

Description

Let's build the future of medicine – together. Join Enveda as a NMR Scientist in Boulder, CO, and help us transform natural compounds into life-changing medicines. We're a team driven by curiosity and innovation – are you ready to make a difference? |Boulder, CO | Full-Time | $110,000-$130,000| Enveda is seeking an NMR Scientist to join our Platform Chemistry team on-site in Boulder, CO. In this role, you will play a pivotal part in accelerating Enveda's natural product-based drug discovery programs. Leveraging your expertise in high-field NMR spectroscopy, structure elucidation, and instrumentation, you will directly contribute to advancing our pipeline of novel small-molecule therapeutics derived from nature. You will work in a highly collaborative, fast-paced environment, partnering with cross-functional teams to translate complex analytical data into actionable scientific insights while upholding the highest standards of scientific rigor, safety, and data quality.

Responsibilities

Design and execute advanced NMR experiments (1D, 2D, and qNMR) to characterize, quantify, and elucidate the structures of small molecules supporting natural product-based drug discovery and development. Automate NMR spectroscopy using IconNMR to maximize instrument efficiency, streamline workflows, and enhance productivity. Develop, validate, and document NMR methods, including SOPs, technical reports, and investigation summaries, to ensure analytical consistency, reproducibility, and data quality. Maintain, calibrate, and troubleshoot high-field NMR instruments (including cryoprobes) to ensure optimal performance, data integrity, and compliance with internal quality and safety standards. Build and manage internal NMR spectral databases to support structure dereplication, improve data accessibility, and accelerate discovery workflows. Collaborate cross-functionally with chemistry, biology, sample management, and data science teams to interpret complex datasets and translate analytical insights into actionable outcomes. Champion a culture of safety and scientific rigor, upholding the highest standards of health, safety, and environmental stewardship. Stay current with advances in NMR and natural products chemistry, and train and mentor others within the Platform Chemistry team.

Qualifications

Ph.D. or M.S. with 1-3 years of experience in Chemistry, Organic Chemistry, Analytical Chemistry, Natural Products Chemistry, or a related field. Proven expertise in NMR experiment design, pulse sequence programming, and structure elucidation of small molecules. Hands-on experience with high-field NMR instruments, cryoplatforms, cryoprobes, IconNMR, and routine instrument maintenance and troubleshooting. Proficiency with NMR data processing software such as TopSpin, ACD/Labs SE, MNova, or equivalent. Experience building or maintaining internal spectral databases for dereplication or compound identification. Familiarity with LCMS, purification, and drug discovery workflows (preferred). Excellent collaboration, communication, and problem-solving skills. Self-motivated, detail-oriented, and comfortable working in a dynamic, fast-paced team environment. If you're passionate about innovation and impact, we encourage you to apply even if you don't meet every requirement.

Link: https://jobs.lever.co/enveda/99081487-da33-4281-ac41-ff67e7e11d91.

Hiring organization
Enveda

Employment Type
Full-time

Job Location
Boulder, Colorado

Date posted
January 15, 2026

Valid through
31.03.2026

Contacts

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Envada Website – https://enveda.com/

Link to Job Opportunity – Enveda – NMR Scientist